

PROCESS FOR PARTIAL STRIPPING OF DIFFUSION ALUMINIDE COATINGS FROM METAL SUBSTRATES, AND RELATED COMPOSITIONS

Abstract of Disclosure

A method for selectively removing portions of a diffusion aluminide coating from a substrate is described. The coating is treated with an aqueous composition based on an acid having the formula $H_x ZrF_6$, wherein x is an exemplary 2. The coating being removed is usually a noble metal–aluminide coating, and the substrate is typically a superalloy. Related compositions are also described.

Figures